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* Commentary.

Abbreviations: ATP, adenosine 5'-triphosphate; ACTH, adrenocorticotropic hormone; BSA, bovine serum albumin; CCK, cholecystokinin; CNS, central nervous system; DAPI, 4',6-diamino-2-phenylindole; DBH, dopamine β-hydroxylase; DFP, diisopropyl phosphorofluoridate; DOPA, dihydroxyphenylalanine; DPV, differential pulse voltametry; DSIP, delta sleep-inducing peptide; ED, electrochemical detection; EEG, electroencephalogram; GABA, γ-amino-butyric acid; 5-HIAA, 5-hydroxyindoleacetic acid; 5-HT, 5-hydroxy-tryptamine; HPLC, high-performance liquid chromatography; HRP, horseradish peroxidase; LHRH, luteinizing hormone-releasing hormone; LGN, lateral geniculate nucleus; MAP2, microtubule-associated protein 2; MSH, melanocyte stimulating hormone; NPY, neuropeptide Y; PNMT, phenylethanolamine *N*-methyltransferase; QNB, quinuclidinyl benzilate; QX 222, *N*-(2,6-dimethylphenylcarbamoylmethyl) trimethylammonium; SP, substance P; TH, tyrosine hydroxylase; TPC, nucleus tegmenti pedunculopontinus, pars compacta; TTX, tetrodotoxin; VIP, vasoactive intestinal polypeptide.

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